Refine Search

Search Results -

Terms	Documents
L4 and ((first or second) near aggregat$4)	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L5

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Saturday, May 27, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L5	L4 and ((first or second) near aggregat$4)	0	L5
L4	(L3 or L1) and (flow near aggregat$4)	7	L4
L3	L2 not L1	40	L3
L2	("data collector") same traffic same flow	40	L2
L1	("data collecting") same traffic same flow	18	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L8 and L7	0

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L9

Refine Search | Recall Text | Clear | Interrupt

Search History

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Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L9	L8 and L7	0	L9
L8	707/$.ccls.	34801	L8
L7	L6 and ("network traffic")	7	L7
L6	L4 and produc$3	7	L6
L5	L4 and ((first or second) near aggregat$4)	0	L5
L4	(L3 or L1) and (flow near aggregat$4)	7	L4
L3	L2 not L1	40	L3
L2	("data collector") same traffic same flow	40	L2
L1	("data collecting") same traffic same flow	18	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L11 and (first near aggregat$4)	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L12

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Saturday, May 27, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L12	L11 and (first near aggregat$4)	0	L12
L11	L10 and L7	4	L11
L10	709/$.ccls.	44823	L10
L9	L8 and L7	0	L9
L8	707/$.ccls.	34801	L8
L7	L6 and ("network traffic")	7	L7
L6	L4 and produc$3	7	L6
L5	L4 and ((first or second) near aggregat$4)	0	L5
L4	(L3 or L1) and (flow near aggregat$4)	7	L4
L3	L2 not L1	40	L3
L2	("data collector") same traffic same flow	40	L2
L1	("data collecting") same traffic same flow	18	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L13 and ((first or second) near aggregat$4)	0

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L14

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Saturday, May 27, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L14	L13 and ((first or second) near aggregat$4)	0	L14
L13	(L9 or L10 or L11 or L12) and L1	10	L13
L12	709/248.ccls.	658	L12
L11	709/237.ccls.	547	L11
L10	709/224.ccls.	4919	L10
L9	709/216-219.ccls.	8415	L9
L8	L7 and L2	0	L8
L7	705/35.ccls.	2077	L7
L6	L4 and ((first or second) near aggregat$4)	1	L6
L5	L4 and (aggregat$4 near flow)	1	L5
L4	L3 and L1	3	L4
L3	705/$.ccls.	42047	L3
L2	L1 and (aggregat$4 near flow)	6	L2
L1	("data collector") same traffic same flow	40	L1

END OF SEARCH HISTORY

Terms used **flow aggregation data collector associated transmitting records**

Found **3** of **177,263**

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Relevance scale

1 Preserving quality of service guarantees in spite of flow aggregation

Jorge Arturo Cobb
February 2002 **IEEE/ACM Transactions on Networking (TON)**, Volume 10 Issue 1
Publisher: IEEE Press
Full text available: pdf(238.44 KB) Additional Information: full citation, abstract, references, citings, index terms

We investigate how quality of service may be guaranteed to a flow of packets in the presence of flow aggregation. For efficiency, multiple flows, known as the constituent flows, are merged together resulting in a single aggregate flow. After the network node where the aggregation occurs, packet schedulers are aware of the aggregate flow, but are unaware of its constituent flows. In spite of this, we show that quality of service may be guaranteed to the constituent flows, provided the aggregation ...

Keywords: Flow aggregation, quality of service, real-time scheduling

2 Enhancing Speedup in Network Processing Applications by Exploiting Instruction Reuse with Flow Aggregation

G. Surendra, Subhasis Banerjee, S. K. Nandy
March 2003 **Proceedings of the conference on Design, Automation and Test in Europe - Volume 1 DATE '03**
Publisher: IEEE Computer Society
Full text available: pdf(225.62 KB) Publisher Site Additional Information: full citation, abstract, index terms

Instruction reuse is a microarchitectural technique that improves the execution time of a program by removing redundant computations at run-time. Although this is the job of an optimizing compiler, they do not succeed many a time due to limited knowledge of run-time data. In this paper we examine instruction reuse of integer ALU and load instructions in network processing applications. Specifically, this paper attempts to answer the following questions: (1) How much of instruction reuse is inher ...

3 A simple model of real-time flow aggregation

Huirong Fu, Edward W. Knightly
June 2003 **IEEE/ACM Transactions on Networking (TON)**, Volume 11 Issue 3
Publisher: IEEE Press

Full text available: pdf(756.48 KB) Additional Information: full citation, abstract, references, index terms

The IETF's Integrated Services (IntServ) architecture together with reservation *aggregation* provide a mechanism to support the quality-of-service demands of real-time flows in a scalable way, i.e., without requiring that each router be signaled with the arrival or departure of each new flow for which it will forward data. However, reserving resources in "bulk" implies that the reservation will not precisely match the true demand. Consequently, if the flows' demanded bandwidth varies rapid ...

Keywords: QoS, admission control, aggregation, diffServ, intServ, model, performance, scalability, simulation

Results 1 - 3 of 3